

NECKBAND

ATTENUATION DATA (EN 352)

Memory foam cushions

WEIGHT = 275 g

H	M	L	SNR
29 dB	26 dB	21 dB	28 dB

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	18.1	16.9	20.6	26.9	31.9	29.2	38.5	39.6
Standard Deviation, s_f (dB)	3.0	2.0	2.6	3.0	2.8	3.6	3.5	3.9
APV ($M_f - s_f$) (dB)	15.1	14.9	17.9	23.9	29.0	25.6	35.0	35.7

Silicone gel cushions

WEIGHT = 333 g

H	M	L	SNR
31 dB	27 dB	22 dB	29 dB

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	19.1	18.9	20.8	25.6	32.5	30.9	39.8	40.8
Standard Deviation, s_f (dB)	3.1	2.2	2.4	2.8	2.7	3.0	3.1	4.0
APV ($M_f - s_f$) (dB)	16.0	16.8	18.5	22.8	29.8	27.9	36.7	36.8

NECKBAND

ATTENUATION DATA (ANSI S3.19-1974)

Memory foam cushions

CSA CLASS = B WEIGHT = 275 g

NRR
23 dB

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	15.8	20.1	25.7	34.0	30.1	36.0	40.3	42.2	41.1
Standard deviation dB(A)	2.6	1.8	2.0	3.5	3.2	3.6	1.9	2.7	3.2

Silicone gel cushions

CSA CLASS = B WEIGHT = 333 g

NRR
23 dB

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	16.8	19.8	25.7	31.0	31.9	39.9	42.3	40.7	40.1
Standard deviation dB(A)	3.0	1.9	2.0	2.3	2.3	2.7	2.5	2.5	2.8

Caution!

As there can be a large variation in fit and fit ability between users, which may affect noise attenuation, Sordin cannot guarantee that the specified attenuation values will be achieved for all users and in all situations.